

Application No.: 10/549,424
Amendment Dated: March 3, 2009
Reply to Office Action of: December 15, 2008

MAT-8741US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A loudspeaker comprising:

a frame;

a magnetic circuit disposed inside the frame;

a voice coil unit disposed slidably with respect to a magnetic gap provided in the magnetic circuit;

a diaphragm coupled to the voice coil unit at its inner circumferential end part and to the frame at its outer circumferential end part via a first edge; and

a suspension holder coupled to a rear surface of the diaphragm and coupled to the frame at its one end via a second edge;

wherein an edge diameter in a cross section of the second edge is set to be larger than an edge diameter in a cross section of the first edge, and

wherein a ratio of the edge diameter of the second edge to the edge diameter of the first edge is in a range of greater than 1.0 and less than or equal to 1.5.

~~and the voice coil unit, diaphragm and suspension holder, acting as a single solid body, to suppress rolling of the voice coil unit.~~

2. (Original) The loudspeaker according to claim 1, wherein the first edge is allowed to bend downward and the second edge is allowed to bend upward.

3. (Original) The loudspeaker according to claim 1, wherein the first edge is allowed to bend upward and the second edge is allowed to bend downward.

4. (Cancelled)

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5. (Previously Presented) A loudspeaker comprising:

a frame;

a voice coil unit disposed slidably with respect to the frame;

a diaphragm coupled to the voice coil unit at its inner circumferential end part and to the frame at its outer circumferential end part via a first edge; and

a suspension holder coupled to one side of the diaphragm and coupled to the frame at its one end via a second edge, wherein a ratio of the edge diameter of the second edge to the edge diameter of the first edge is in a range of greater than 1.0 and less than or equal to 1.5.

6. (New) A loudspeaker according to claim 1, wherein the voice coil unit, diaphragm and suspension holder act as a single solid body to suppress rolling of the voice coil unit.